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Short Communication

Simple and Multiple Relationships between Big-Five Personality Dimensions and Addiction in University Students

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Abstract:

Background: This study aimed at investigating the simple and multiple relationships between personality traits and addiction potential in university students.

Methods: Three hundred and forty two students were selected by cluster sampling from the Shahid Chamran University (Iran). The scales used for this descriptive study were NEO-FFI personality inventory and Iranian Addiction Potential Scale (IAPS). To analyze the data, we used descriptive and inferential statistic test via spss-13.

Results: There were simple and multiple relationships between personality traits and addiction potential. Multiple regression analysis (stepwise method) showed that neuroticism, conscientiousness and agreeableness had significant multiple correlation with addiction potential ($F=32.89$, $P<0.001$). The components of openness and extroversion eliminated from regression.

Conclusion: Personality traits predicted addiction potential in university students. The most important suggestion of this research was to pay attention scientifically to personality characters as a fundamental factor of this difficulty, rather than just emphasizing on the cessation of drug or alcohol using.

Keywords:

Personality traits . Addiction potential . University Students . Iran

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